



With
EZ Connect™

OB5 OMNIBEAM™ 400 LUMINAIRE

High Bay, Enclosed or Open — Surface Mount Optical Series

APPLICATIONS

- For over 20-foot (6 meter) applications, assembly lines, inspection areas, production bays, storage areas, warehouses, commercial and retail areas.

SPECIFICATION FEATURES

- 1598 Listed Suitable For Damp Locations
- Listed to Canadian standards and codes
- Open/ventilated or enclosed opticals with choice of clear or prismatic lens
- Acrylic reflector
- Enclosed 26 inch available for wet location - Contact factory
- In-line EZ Connect™ plug-in adapter port allows for:
 - plug-in modular wiring systems
 - plug-in fuse kits
 - Symmetrical heavy-duty die-cast aluminum ballast housing with white polyester powder paint finish
 - Single casting integral hook/loop and mounting plate is available
 - Threaded slide-in mounting adapter for easy mounting
 - 55° C ambient, standard, except as noted in Photometric Table
- Adjustable mogul base socket -E39 standard
- Safety chain provisions
- Shipped as components: Ballast, Optical. Magnapack available for ballast
- Pulse start system for metal halide available. See Page I-131

INDOOR LIGHTING

ORDERING NUMBER LOGIC

OB5	W	40	E	0	A	V6	AC	11	B
PRODUCT IDENT	COLOR	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	OPTICAL	PHOTOMETRY CODE	MOUNTING CODE	OPTIONS
XXX	X	XX	X	X	X	XX	XX	XX	X
OB5 = Omnibeam 400 Luminaire	W = White Polyester Powder	17 = 175 25 = 250 32 = 320 35 = 350 40 = 400	E = Energy Act Compliant Pulse MH (EPMH) S = HPS For International Markets only M = MH P = Pulse Start MH Note: Lamp is vertical base up. Lamp not included.	60Hz 0 = 120/208/240/277 MULTIVOLT 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 D = 347 F = 120X347 T = 220 50Hz 6 = 220 R = 230 Y = 240 G = 380	See Ballast Selection Table A = Autoreg D = System 3 Bilevel Autoreg (See Technical Section) G = CANADIAN Mag-Reg (Grounded Socket Shell) H = HPF Reactor or Lag L = Super Low Loss Autoreg M = Mag-Reg See Ballast Next Page	E2=Enclosed 22 in. with clear flat acrylic lens E6=Enclosed 26 in. with clear flat acrylic lens P2=Enclosed with prismatic conical lens 22 in. Optical V6=Open and ventilated 26 in. acrylic V2= open 22 in. acrylic	XX = Select Code from Photometric Selection Table See Photometric table on next page.	XX = Select Code Below 11 = Pendant mounting 13 = Provision for Slide-on Primary Electrical Disconnect. Order TWOBP Box (Thru Feed Capability Only) Separately. 14 = Provision for Slide-on Primary Electrical Disconnect. (Pendant and Thru Feed Capability) Order PED Box Separately 15 = Prewire with EZ-Loop, Cord and Plug Part of "Power Hook". Order Receptacle/Hook Box Separately. (Not CSA/CUL) 31 = Prewire with EZ-Hook, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug 33 = Prewire with EZ-Loop, 3-ft (0.9 Meters) #16/3 Cord, and Nema Plug (Order locking receptacle hook box separately.) MODULAR PREWIRE 41 = ACS with 3-ft (0.9 meter) cord & EZ-Hook 69 = ACS with 6-ft (1.8 meter) cord & EZ-Hook 43 = ACS with 3-ft (0.9 meter) cord & EZ-Loop 70 = ACS with 6-ft (1.8 meter) cord & EZ-Loop PLUG-N-GO 51 = Plug-N-Go with 3 ft. (0.9 meter) Cord & Hook 71 = Plug-N-Go with 6 ft. (1.8meter) Cord & Hook 53 = Plug-N-Go with 3 ft. (0.9 meter) Cord & Loop 72 = Plug-N-Go with 6 ft. (1.8 meter) Cord & Loop Note: ACS = Flex 3+ Plug-N-Go = FSC Series	B = Time Delay Automatically Switched Quartz F = Fusing G = Secondary Wiring Access. 7/8 in. dia. knockout Q = Non-Time Delay Automatically Switched Quartz R = Non Switch Quartz. S = Exclusionary mogul base socket for MH open fixtures T = E40 / European Socket Y = Solo Bilevel Port (See page I-102) Note: See page I-104 for Accessory Index and Descriptions. Note: See page I-129 for explanation of Options.

Exclusionary base socket is available for use with Metal Halide lamps in open fixtures to comply with NEC 2005 regulations (GELS "S" Option). Customer should consult or review local electrical codes for compliance.

OBS OMNIBEAM™ 400 LUMINAIRE

High Bay, Enclosed or Open

BALLAST SELECTION TABLE

Ballast Type / Voltage										
Wattage	Light Source	60HZ					50HZ			
		Multivolt	120, 208 240, 277 480	347	120 x 347	220	220	230	240	380
250	HPS	A,M	A,D,G,L,M	A,D,G,L	A	A,H	A,H,M	A,H	A,H	M
400	HPS	A,M	A,D,G,L,M	A,D,G,L	A	A,H	A,H,M	A,H,M	A,H,M	M
175	MH	A	A	A	A	N/A	N/A	N/A	N/A	N/A
250	MH	A	A,D,L	A,D,L	A	A	A	A	A	N/A
400	MH	A	A,D,L	A,D,L	A	A	A	A	A	N/A
PULSE START METAL HALIDE LIGHT SOURCE										
BALLAST SELECTION TABLE										
175	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A
250	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A
320	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A
350	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A
400	EPMH	A	A	A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available

* H is HPF-Linear Reactor available as 277 volt only.

Cannot be used with Automatic Switch Quartz Option.

CANADIAN NOTES:

1. "A", Autoreg, and "D", Bilevel Autoreg available 120, 277 or 347 volts only
2. 1000 Watt Metal Halide and HPS available 120, 277 or 347 volt Autoreg only.
3. 208, 240, and 480 volts require CWI ballast. Use "G" when available.
Contact factory for all others.
4. Multivolt not available.

DATA

Approximate Net Weight Ballast and Optical	lbs 37	kgs 17
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DIMENSIONS

For wet location dimensions 1.72 inches (44mm) must be added to overall height.

NOTES

See explanation on "Optical Flexibility" Page I-5. See References.

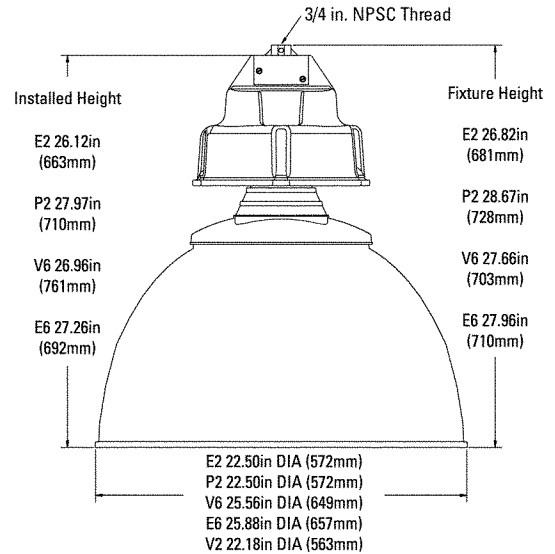
REFERENCES

See Page I-104 for start of Accessories.

See Page I-117 for Component Ordering Logic.

See Page I-129 for Explanation of Options and Other Terms Used.

FIXTURE DIMENSIONS



INDOOR LIGHTING

PHOTOMETRIC SELECTION TABLE

(From Ordering Number Logic on previous page)

PHOTOMETRIC SELECTION TABLE

E2 OPTICAL - Enclosed 22in. with flat clear Acrylic lens						
Wattage	Light Source	Max Temp	Spacing Criteria	Socket Position	Photometric Curve	Optical Code
175	EPMH	55	1.0	D	452431	E2 AD
175	EPMH	55	1.5	H	452432	E2 AH
175	EPMH(Coated)	55	1.0	C	452435	E2 AC
175	EPMH(Coated)	55	1.4	H	452436	E2 AH
250	EPMH	40**	1.0	E	452439	E2 AE
250	EPMH	40**	1.4	H	452440	E2 AH
250	EPMH(Coated)	40**	1.0	D	452443	E2 AD
250	EPMH(Coated)	40**	1.4	H	452444	E2 AH
320*	EPMH	40**	1.3	A	452452	E2 AA
320*	EPMH	40**	1.5	G	452453	E2 AG
320*	EPMH(Coated)	40**	1.3	H	452466	E2 AH
350, 400	EPMH	40**	1.9	A	452462	E2 AA
350, 400	EPMH(Coated)	40**	1.6	A	452465	E2 AA
250-400	HPS	40**	1.5	A	452448	E2 AA

E6 OPTICAL - Enclosed 26in. with flat clear Acrylic lens

Wattage	Light Source	Max Temp	Spacing Criteria	Socket Position	Photometric Curve	Optical Code
350,400	EPMH	55	1.6	B	179849	E6 AB
350,400	EPMH	55	1.8	D	179851	E6 AD
350,400	EPMH(Coated)	55	1.6	D	179852	E6 AD
350,400	EPMH(Coated)	55	1.9	H	179853	E6 AH
250-400	HPS	55	1.3	E	179861	E6 AE
250-400	HPS	55	1.4	E	179862	E6 AE
250-400	HPS	55	1.5	G	179863	E6 AG

*320 watt is ED28 Pulse Start MH

**Contact Factory for 55C availability

PHOTOMETRIC SELECTION TABLE

V2 OPTICAL - Open 22in. Reflector, MH, requires "S" Option EX39 base socket						
Wattage	Light Source	Max Temp	Spacing Criteria	Socket Position	Photometric Curve	Optical Code
175,250	EPMH	55	1.3	A	452450	V2 AA
175,250	EPMH	55	1.5	G	452451	V2 AG
175,250	EPMH(Coated)	55	1.3	A	452456	V2 AA
175,250	EPMH(Coated)	55	1.5	F	452455	V2 AF
350, 400	EPMH	55	1.6	A	452460	V2 AA
350, 400	EPMH(Coated)	55	1.6	A	452463	V2 AA
250, 400	HPS	55	1.5	A	452447	V2 AA

V6 OPTICAL - Open and Ventilated 26in. Reflector MH, requires "S" Option EX39 base socket

Wattage	Light Source	Max Temp	Spacing Criteria	Socket Position	Photometric Curve	Optical Code
350, 400	EPMH	55	1.6	B	178906	V6 AB
350, 400	EPMH(Coated)	55	1.7	C	178976	V6 AC
350, 400	EPMH(Coated)	55	1.6	B	178975	V6 AB
250-400	HPS	55	1.3	E	178905	V6 AE
250-400	HPS	55	1.7	G	178969	V6 AG

P2 OPTICAL - Enclosed 22in. with Acrylic prismatic conical lens

Wattage	Light Source	Max Temp	Spacing Criteria	Socket Position	Photometric Curve	Optical Code
175	EPMH	55	1.1	A	452434	P2 AA
175	EPMH	55	1.6	G	452433	P2 AG
175	EPMH(Coated)	55	1.2	A	452437	P2 AA
175	EPMH(Coated)	55	1.5	F	452438	P2 AF
250	EPMH	40**	1.1	A	452441	P2 AA
250	EPMH	40**	1.5	H	452442	P2 AH
250	EPMH(Coated)	40**	1.1	A	452446	P2 AA
250	EPMH(Coated)	40**	1.5	G	452445	P2 AG
320*	EPMH	40**	1.6	A	452454	P2 AA
320*	EPMH(Coated)	40**	1.5	A	452459	P2 AA
350, 400	EPMH(Coated)	40**	1.8	A	452464	P2 AA
250-400	HPS	55	1.7	A	452449	P2 AA

*320 watt is ED28 Pulse Start MH

**Contact Factory for 55C availability